CIRCULAR ECONOMY OF LEAD BATTERIES

The lead battery industry, with its established circular infrastructure, is a model for other battery chemistries in how to responsibly source, use, reuse and manage materials.

Step 1: Manufacturing
A new lead battery is typically comprised of 80% recycled material.
Lead from lead batteries can be infinitely recycled with no loss of performance.

Step 2: Use
Worldwide, lead batteries are used in virtually every hybrid and electric vehicle.

Step 3: Collection
Modern, closed-loop recycling in the U.S. keeps +160 million lead batteries from landfills each year.

Step 4: Recycling
Lead batteries rank among the top five consumer product categories in sustainability.

Step 5: Sourcing & Materials Efficiency
U.S. lead battery manufacturers source approximately 83% of lead from North American recycling facilities.
Lead batteries have been recycled for more than 100 years.

Lead battery life has increased by 30-35% in the last 20 years.

The world entrusts 50% of its rechargeable energy storage needs to lead.

Learn more at BatteryCouncil.org
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